

## WILDLIFE SAFARI

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**DESCRIPTION:** In this event, students will demonstrate their ability to identify wildlife and their habitats, **as well as answer general information about the animals** through the use of field guides.

**TEAM SIZE:** 1 or 2 Students

**APPROXIMATE TIME:** 30 Minutes

### **THE COMPETITION:**

Students will demonstrate their ability to identify **reptiles and amphibians of North and South America**. Students will also demonstrate their understanding of basic ecological concepts such as food chains, and food webs.

Teams will rotate among approximately 20 stations where they may view photographs of **reptiles and amphibians, skins**, tracks, skulls and photographs of their habitats. Each station will consist of **4 to 6** questions and each team will have about **1 minute** to answer all questions at a station. Questions will vary in degree of difficulty and will be graded accordingly. **Question format will be multiple choice, and true/false. The tie breaker questions will require students to identify local frog vocalizations by listening to them, and answering a fill-in-the-blank format. Answer sheets, including Scantron forms will be provided.**

Students will be responsible for bringing pencils, and the *Amphibians and Reptiles of the Great Lakes Region field guide*. Students may write, highlight and/or place tabs in their book to assist them in using it. **Students are also responsible to bring a student-created field guide which includes the listed animals not found in the purchased field guide. The student-created field guide must be contained in a binder or notebook of some form, with no loose pages.** No other materials will be allowed in the competition.

**The specific list of reptiles and amphibians that are in scope will be listed on the Macomb Science Olympiad website.**

### **SCORING:**

Each correct answer will be worth between 1 and 3 points. **For the tie breaker questions, exact spelling is not required.** A secondary tie breaker will be based on the number of difficult questions answered correctly.

### **RESOURCES:**

*Amphibians and Reptiles of the Great Lakes Region*

*By James Harding*

*ISBN-13: 9780472066285*

*ISBN-10: 0472066285*

*Publisher: University of Michigan Press*

*Publication date: October 1997*

*Pages: 400*

If a rule clarification is posted on the Macomb Science Olympiad website, the supervisor will score this event accordingly. Please visit: <http://macombso.org/index.php/esofaqs.html>